

CATALOGUE OF MIDDLE PALAEOZOIC TYPES AND FIGURED
SPECIMENS IN THE NATIONAL MUSEUM OF VICTORIA,
PART 2

By EDMUND D. GILL, Assistant Director
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Class Carpoidea

- Rutroclypeus junori* Withers. P 13681
Lower Devonian.
Collins' Quarry. 1½ miles NW. of Kinglake West P.O., on the W. bank of King Parrot Ck where crossed by the N. boundary of the Parish of Kinglake, Victoria.
Mil. Map Kinglake Sheet, Grid Ref. 254, 799.
Holotype.
Withers, R. B., 1933. *Proc. Roy. Soc. Vict.* 45: 18-22, Pl. 5, fig. 1, text fig. p. 20.
Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 1, fig. 1, 3, text fig. 6.
- Rutroclypeus junori* Withers. P 13682
Lower Devonian.
Collins' Quarry, Kinglake West, Victoria.
Paratype.
Withers, R. B., 1933. *Proc. Roy. Soc. Vict.* 45: 18-22, Pl. 5, fig. 2.
Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 2, fig. 2-3.
- Rutroclypeus junori* Withers. P 16792
Lower Devonian.
Middendorp's Quarry, Kinglake West, Victoria.
Hypotype.
Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 1, fig. 2.
Explanation of plate reads 'holotype' instead of 'hypotype'.
- Rutroclypeus victoriae* Gill and Caster. P 16441-2
Lower Devonian.
Middendorp's Quarry, Kinglake West, Victoria.
Holotype (Counterparts. P 16441 antianal surface. P 16442 anal surface).
Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 2, fig. 1 (antianal surface), Pl. 3, fig. 2 (latex cast of antianal surface), Pl. 4, fig. 1 (anal surface), Pl. 5, fig. 1 (latex cast of anal surface), Pl. 7 (stereoscopic pair of latex cast of antianal surface), text fig. 2, 8.
- Rutroclypeus victoriae* Gill and Caster. P 16443-4
Lower Devonian.
Middendorp's Quarry, Kinglake West, Victoria.
Paratype A (P 16443 figured; counterpart P 16444).
Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 4, fig. 2, 3 (latex cast).

- Rutroclypeus victoriae* Gill and Caster. P 16883-4
 Lower Devonian.
 Middendorp's Quarry, Kinglake West, Victoria.
 Paratype B (counterparts, P 16884 figured).
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 3, fig. 3.
- Rutroclypeus victoriae* Gill and Caster. P 16451
 Lower Devonian.
 Middendorp's Quarry, Kinglake West, Victoria.
 Figured specimen.
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 3, fig. 1.
- Rutroclypeus victoriae?* Gill and Caster. P 17423
 Lower Devonian.
 Middendorp's Quarry, Kinglake West, Victoria.
 Figured specimen.
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 4, fig. 4
 (latex cast), 5.
- Rutroclypeus (?) withersi* Gill and Caster. P 16452-3
 Lower Devonian.
 Middendorp's Quarry, Kinglake West, Victoria.
 Holotype (External moulds of portions of the anal and antianal surfaces).
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 5, fig. 2
 (latex cast), 3.
- Rutroclypeus (?) withersi* Gill and Caster. P 16450-1
 Lower Devonian.
 Middendorp's Quarry, Kinglake West, Victoria.
 Paratype (counterparts).
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 5, fig. 4; Pl.
 6, fig. 1.
- Victoriacystis wilkinsi* Gill and Caster. P 16787-8
 Upper Silurian.
 Locality F41-42, Dargile Beds, Parish of Heathcote, Victoria.
 Holotype. (P 16787 carapace, P 16788 plastron.)
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 8, fig. 1, 2
 (latex cast of plastron); Pl. 9, fig. 2 (carapace); Pl. 10, fig. 2 (latex cast of
 carapace), text fig. 11.
- Victoriacystis wilkinsi* Gill and Caster. P 16904
 Upper Silurian.
 Locality F41-42, Dargile Beds, Parish of Heathcote, Victoria.
 Paratype.
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 9, fig. 1
 (latex cast).
- Victoriacystis* aff. *wilkinsi* Gill and Caster. P 16880-1
 Lower Devonian.
 Middendorp's Quarry, Kinglake West, Victoria.
 Figured specimen (P 16880 carapace, P 16881 plastron).
 Gill, E. D., and Caster, K. E., 1960. *Bull. Amer. Paleont.* 185, Pl. 10, fig. 1
 (latex cast), 3.

Class Asteroidea

- Baliactis flemingtonensis* (Withers and Keble). P 13813
 Upper Silurian (Melbournian).
 Flemington (= Moonee Ponds Creek), Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl. 11, fig. 3, text fig. 7. '*Palasterina flemingtonensis*'.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Eoactis stachi* (Withers and Keble). P 13811
 Upper Silurian (Melbournian).
 Corner of Collins Place and Flinders Street, Melbourne, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl. 11, fig. 4. '*Palasterina stachi*'.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Eoactis stachi* (Withers and Keble). P 13812
 Upper Silurian (Melbournian).
 Corner of Collins Place and Flinders Street, Melbourne, Victoria.
 Paratype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl. 11, fig. 6. '*Palasterina stachi*'.
- Lepidaster australis* (Withers and Keble). P 13805-6
 Silurian.
 Cutting on Yan Yean to Arthur's Creek Road, $\frac{1}{3}$ mile E. of junction to Doreen, Victoria. Mil. map Ref. 178, 660.
 Holotype (counterparts, P 13806 figured. 'Syntypes' of Withers and Keble).
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl. 10, fig. 6, text fig. 1, 3. '*Hudsonaster australis*'.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Lepidaster australis* Withers and Keble. P 13807
 Silurian.
 Cutting on Yan Yean to Arthur's Creek Road, $\frac{1}{3}$ mile E. of junction to Doreen, Victoria. Mil. map ref. 178, 660.
 Paratype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, '*Caractacaster yarraensis*'.
- Palasterina umbonata* Withers and Keble. P 13810
 Silurian.
 Near Plenty Ranges, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl. 10, fig. 4.
- Petraster angustior* Withers and Keble. P 374
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249, Pl. 12, fig. 4, text fig. 6.

- Petraster angustior* Withers and Keble. P 372
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 12, fig. 5.
- Petraster smythi* McCoy. P 7604
 Upper Silurian (Melbournian).
 Moonee Ponds Creek, Flemington, Victoria.
 Holotype.
 McCoy, F., 1874. *Prod. Pal. Vict.* Dec. 1: p. 41, Pl. 10, fig. 1-1b (figures
 reversed).
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 12, fig. 2.
- Petraster smythi* McCoy. P 13815
 Silurian.
 Kilmore East, Victoria.
 Hypotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 12, fig. 1 (plasticine cast).
- Phillipsaster selwyni* (McCoy). P 12207-8
 Silurian.
 Range on E. side of Commonage, Kilmore, Victoria.
 Holotype (counterparts, 'syntypes' of Withers and Keble).
 McCoy, F., 1874. *Prod. Pal. Vict.* Dec. 1: 42-43, Pl. 10, fig. 2-2a (P 12208),
 fig. 3-3a (P 12207), (figures reversed). '*Urasterella selwyni*'.
 Chapman, F., 1914. *Australasian Fossils*. 8vo. Melbourne, fig. 77B.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 11, fig. 1 (P 12207), fig. 2 (P 12208). '*Salteraster selwyni*'.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Promopalaeaster meridionalis parvior* Withers and Keble. P 13816
 Upper Silurian (Melbournian).
 Moonee Ponds Creek, Flemington, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 10, fig. 5.
- Schuchertia junori* Withers and Keble. P 13808
 Lower Devonian (Yeringian).
 Collins' Quarry, Kinglake West, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 10, fig. 3.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Schuchertia macrarta* Withers and Keble. P 13809
 Upper Silurian (Melbournian).
 Hoffman Brick Pit, Brunswick, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 12, fig. 3, text fig. 8.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.

- Ulrichaster biradialis* (Withers and Keble). P 352
 Silurian.
 Range on E. side of Commonage, Kilmore, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 11, fig. 5, text fig. 10. '*Salteraster biradialis*'.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.
- Ulrichaster biradialis* (Withers and Keble). P 355
 Silurian.
 Range on E. side of Commonage, Kilmore, Victoria.
 Paratype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 text fig. 9. '*Salteraster biradialis*'.
- Urasterella cresswelli* Withers and Keble. P 13817
 Lower Devonian (Yeringian).
 Mudstone Quarries, Lilydale, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 12, fig. 6.
- Yarravaster yarraensis* Withers and Keble. P 377
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype and Paratype (on one slab).
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 46: 220-249,
 Pl. 10, fig. 1-2, text fig. 2, 4. '*Caractacaster yarraensis*'.
 Spencer, W. K., 1950. *Geol. Mag.* 77: 393-408.

Class Crinoidea

- Botryocrinus longibrachiatus* Chapman. P 390
 Upper Silurian (Melbournian).
 Royal Park, Brunswick, Victoria.
 Lectoholotype.
 Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 15: 104-122, Pl. 18, fig. 6 (wax
 cast).
 Bather, F. A., 1906. *Ottawa Nat.* 20 (5): 93-104.
- Botryocrinus longibrachiatus* Chapman. P 391-2
 Upper Silurian (Melbournian).
 Royal Park, Brunswick, Victoria.
 Lectoparatypes.
 Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 15: 104-122, Pl. 18, fig. 7 (P 392),
 8 (P 391 wax cast).
 Bather, F. A., 1906. *Ottawa Nat.* 20 (5): 93-104.
 Chapman, F., 1914. *Australasian Fossils*. 8vo. Melbourne. Fig. 76 C (P 392).
- Hapalocrinus victoriae* Bather. P 386
 P 10307
 Upper Silurian (Melbournian).
 Near Princes Bridge, Melbourne, Victoria.
 Holotype (P 386; counterpart P 10307).
 Bather, F. A., 1897. *Geol. Mag.* Dec. 4 (4): 337-345, Pl. 15 (P 386).

- Helicocrinus plumosus* Chapman. P 384-5
 Upper Silurian (Melbournian).
 Quarry between Albert and Victoria Streets, West Brunswick, Victoria.
 Holotype (P 384, fragmentary counterpart P 385). Type species of genus.
 Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 15: 104-122, Pl. 17 (P 384), Pl. 18,
 fig. 1-3, 5 (P 384) 4 (P 385).
 Chapman, F., 1914. *Australasian Fossils*. 8vo. Melbourne.
 Frontispiece (P 384), fig. 76D (P 385).
- Lecanocrinus breviararticulatus* Chapman. P 13897
 Silurian.
 Hatton's Corner, Yass, New South Wales.
 Holotype.
 Chapman, F., 1934. *Proc. Roy. Soc. Vict.* 47: 190-195, Pl. 10, fig. 1-6.
- Crinoid Columnal 1*. P 14843
 Silurian (Crotty Quartsite).
 Sand quarry on Smelter's Ridge, SE. of Zeehan, Tasmania.
 Figured specimen.
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, Pl. 1, fig.
 40.
- Crinoid Columnal 2*. P 14822
 Lower Devonian (Bell Shale).
 Right bank Little Henty River, 1 mile SE. of Zeehan, Tasmania.
 Figured specimen.
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, Pl. 1, fig.
 41.
- Class Ophiuroidea**
- Crepidosoma kinglakensis* Withers and Keble. P 13831
 Lower Devonian.
 Collins' Quarry, Kinglake West, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,
 Pl. 11, fig. 3, text fig. 2.
- Crepidosoma kinglakensis* Withers and Keble. P 13832
 Lower Devonian.
 Collins' Quarry, Kinglake West, Victoria.
 Paratype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,
 text fig. 3.
- Furcaster kilmorensis* Withers and Keble. P 13829
 Silurian.
 Kilmore, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,
 Pl. 11, fig. 8, text fig. 6.
- Furcaster kilmorensis* Withers and Keble. P 13830
 Silurian.
 Kilmore, Victoria.
 Paratype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212,
 text fig. 7.

- Furcaster leptosomoides* Chapman. P 9104
 Upper Silurian (Melbournian).
 Moonee Ponds Creek, Flemington, Victoria.
 Holotype.
 Chapman, F., 1907. *Proc. Roy. Soc. Vict.* 19: 21-27, Pl. 7, fig. 1; Pl. 8, fig. 4.
 'Sturtzura leptosomoides'.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212.
- Furcaster leptosomoides* Chapman. P 9103
 Upper Silurian (Melbournian).
 Moonee Ponds Creek, Flemington, Victoria.
 Paratype.
 Chapman, F., 1907. *Proc. Roy. Soc. Vict.* 19: 21-27, Pl. 7, fig. 2. 'Sturtzura leptosomoides'.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212.
- Gregoriura spryi* Chapman. P 9105
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype.
 Chapman, F., 1907. *Proc. Roy. Soc. Vict.* 19: 21-27, Pl. 6, fig. 1, text fig. Pl. 8, fig. 1, 3.
 Chapman, F., 1914. *Australasian Fossils*. 8vo. Melbourne. Fig. 79.
- Lapworthura miltoni* Salter. P 13833
 Lower Devonian.
 Collins' Quarry, Kinglake West, Victoria.
 Hypotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212, Pl. 11, fig. 4.
- Sturtzura brisingoides* (Gregory). P 368
 Upper Silurian (Melbournian).
 Flemington, Victoria.
 Hypotype.
 Chapman, F., 1907. *Proc. Roy. Soc. Vict.* 19: 21-27, Pl. 6, fig. 2; Pl. 8, fig. 2.
 'Protaster brisingoides'.
 Chapman, F., 1914. *Australasian Fossils*. 8vo. Melbourne. Fig. 78.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212.
- Taeniactis yeringae* Withers and Keble. P 13827
 Lower Devonian.
 Section 12, Parish of Yering, Victoria.
 Holotype.
 Withers, R. B., and Keble, R. A., 1934. *Proc. Roy. Soc. Vict.* 47: 196-212, text fig. 1.

Class Cephalopoda

- Danaoceras (?) bindiense* Teichert. P 1293
 Middle Devonian.
 Bindi, Gippsland, Victoria.
 Holotype.
 Teichert, C., 1940. *J. Roy. Soc. W.A.* 26: 59-67, Pl. 1, fig. 1; Pl. 4, fig. 10, 12.

- Geisonocerina australis* (Chapman). P 12885-6
 Silurian.
 1½ Miles SW. of Kelly's Hill, Yarra Track, Wood's Point, Victoria.
 Holotype (P 12885; counterpart P 12886).
 Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3 (2): 232-233, Pl. 38, fig. 3-4.
 'Cycloceras tenuiannulatum var. australis.'
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.
- '*Kionoceras striato-punctatum* (Münster).' P 12124
 Lower Devonian.
 Reefton, near Warburton, Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28-29, Pl. 57, fig. 7.
 'Orthoceras striato-punctatum.'
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Kionoceras*
 sp. nov.
- '*Kionoceras striato-punctatum* (Münster).' P 12125
 Lower Devonian.
 McMahon's Creek, Upper Yarra, Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28-29, Pl. 57, fig. 7a.
 'Orthoceras striato-punctatum.'
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Kionoceras*
 sp. nov.
- '*Kionoceras striato-punctatum* (Münster).' P 12126
 Lower Devonian.
 McMahon's Creek, Upper Yarra, Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28-29, Pl. 57, fig. 8.
 'Orthoceras striato-punctatum.'
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Kionoceras*
 sp. nov.
- '*Orthoceras (Cycloceras) idex* (Sowerby).' P 12121
 Silurian.
 Kilmore Creek, N. of the Special Survey, (Bb 20) Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 25-26, Pl. 57, fig. 1-1a (figures
 reversed).
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Dawsonoceras?*
 sp. indet.
- '*Orthoceras (Cycloceras) ibex* (Sowerby).' P 12122
 Silurian.
 Specimen marked A1, (probably Moonee Ponds Ck, Victoria).
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 25-26, Pl. 57, fig. 2 (figure reversed).
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. *Dawsonoceras?*
 sp. indet.

- '*Orthoceras bullatum* Sowerby.' P 12127
 Upper Silurian (Melbournian).
 Johnston Street, Collingwood, Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 26-27, Pl. 57, fig. 4-4b (figures reversed).
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- '*Orthoceras bullatum* Sowerby.' P 12129
 Silurian.
 Hills in township of Whittlesea (B12), Parish of Toorourrong, Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 26-27, Pl. 57, fig. 3-3b (figures reversed).
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- '*Orthoceras capillosum* Barrande.' P 12123
 Silurian.
 Broadhurst's Creek, E. of Kilmore, Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 27, Pl. 57, fig. 5-5b (figures reversed).
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- '*Orthoceras lineare* Münster.' P 12128
 Lower Devonian.
 Junction of Woori Yallock Creek and Yarra River, Victoria.
 Hypotype.
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6: 28, Pl. 57, fig. 6-6b.
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 35. *Orthoceracone* indet.
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752. Gen. et sp. indet.
- Pectinoceras subtrigonum* (McCoy). P 1290
 Middle Devonian.
 Buchan, Victoria.
 Holotype.
 McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 4: 16-17, Pl. 35, fig. 6-6b.
 '*Phragmoceras subtrigonum*.'
 Teichert, C., 1940. *J. Roy. Soc. W.A.* 26: 59-67, Pl. 3, fig. 7-9.
 '*Danaoceras subtrigonum*.'
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.
- Pectinoceras subtrigonum* (McCoy). Slide P 1291
 Middle Devonian.
 Buchan, Victoria.
 Tectohypotype.
 Teichert, C., 1940. *J. Roy. Soc. W.A.* 26: 59-67, Pl. 4, fig. 11.
 '*Danaoceras subtrigonum*.'
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.

- Pectinoceras subtrigonomum* McCoy. P 15373
 Middle Devonian.
 Buchan, Victoria.
 Hypotype.
 Teichert, C., 1940. *J. Roy. Soc. W.A.* 26: 59-67, text fig. 2.
 '*Danaoceras subtrigonomum*.'
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.
 P 12936
- '? *Protophragmoceras* sp.' Slide P 12937
 P 21778
 Lower Devonian.
 Griffith's Quarry, Loyola, Victoria.
 Figured specimen.
 Chapman, F., 1914. *Rec. Geol. Surv. Vict.* 3 (3): 312, Pl. 61, fig. 38-39
 (P 12936).
 Teichert, C., and Glenister, B. F., 1952. *J. Paleont.* 26: 730-752.
 'After a study of the object itself we are not convinced of its cephalopod, or
 indeed fossil, nature.'
- Class Lamellibranchiata**
- Actinodesma* cf. *ampliata* (Phillips). P 2267
 Lower Devonian (Yeringian).
 North of Lilydale, Victoria.
 Figured specimen (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 87.
- Actinopteria boydi* (Conrad). P 7933-4
 Lower Devonian (Yeringian).
 Wilson's Quarry, near Lilydale, Victoria.
 Hypotype (steinkern P 7933; external mould P 7934).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 69 (P 7933).
- Actinopteria boydi* Conrad. P 7935
 Lower Devonian (Yeringian).
 Croydon, Victoria = Kilsyth (Gill 1940).
 Hypotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 5, fig. 70.
 P 7936
- Actinopteria asperula croydonensis* Chapman. P 22545
 Lower Devonian (Yeringian).
 'Croydon, Victoria' = Kilsyth.
 Holotype (steinkern P 7936; fragment of external mould P 22545) of sub-
 species.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 5, fig. 71 (P 7936).
- Actinopteria heathcoteensis* Chapman. P 7938
 Silurian or Lower Devonian.
 East of Heathcote, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 5, fig. 73.

- Actinopteria* cf. *sowerbii* (McCoy). P 7937
 Upper Silurian or Lower Devonian.
 Reefton, near Warburton, Victoria.
 Figured specimen (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 5, fig. 72 (of wax impression).
- Actinopteria* *texturata* (Phillips). P 2264
 Lower Devonian (Yeringian).
 North of Lilydale, Victoria.
 Hypotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 68-68A.
- Ambonychia* *acuticostata* McCoy. P 2268
 Lower Devonian (Yeringian).
 Cave Hill, Lilydale, Victoria.
 Hypotype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 66.
- '*Ambonychia* *tatei* Cresswell.' P 2269
 Lower Devonian (Yeringian).
 Cave Hill, Lilydale, Victoria.
 Holotype.
 Cresswell, A. W., 1893. *Proc. Roy. Soc. Vict.* 5: 38-44, Pl. 9, fig. 8.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 60. This author states 'There is very little doubt that the imperfect valve figured under the name of *Ambonychia* *tatei* by the Rev. A. W. Cresswell is an example of *Pterinea* *lineata* Goldfuss'.
- Aviculopecten* *spryi* Chapman. P 7940
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 49-50, Pl. 5, fig. 75.
- Cardiola* *cornucopiae* (Goldfuss). P 978
 Upper Silurian (Melbournian).
 Royal Park = Moonee Ponds Creek, Flemington, Victoria.
 Hypotype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 12.
- Cardiola* *cornucopiae* (Goldfuss). P 7878
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Hypotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 11.
- Conocardium* *bellulum* Cresswell.
 see *Conocardium* *cresswelli* Talent and Philip.
- Conocardium* *costatum* Cresswell. P 910
 Lower Devonian (Yeringian).
 Cave Hill, Lilydale, Victoria.
 Holotype.
 Cresswell, A. W., 1893. *Proc. Roy. Soc. Vict.* 5: 38-44, Pl. 9, fig. 5.
 'Pleurorhynchus (*Conocardium*) *costatus*.'
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62.
 Fletcher, H. O., 1943. *Rec. Aust. Mus.* 21 (4): 231-243, Pl. 13, fig. 1-2.

- Conocardium cresswelli* Talent and Philip. P 911
 Lower Devonian (Yeringian).
 Cave Hill, Lilydale, Victoria.
 Holotype.
 Cresswell, A. W., 1893. *Proc. Roy. Soc. Vict.* 5: 38-44, Pl. 9, fig. 6.
 'Pleurorhynchus (*Conocardium*) bellulus.'
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62.
Conocardium bellulum.
 Fletcher, H. O., 1943. *Rec. Aust. Mus.* 21 (4): 231-243, Pl. 13, fig. 3-4.
 'Conocardium bellulum.'
 Talent, J. A., and Philip, G. M., 1955. *Proc. Roy. Soc. Vict.* 68: 2-71.
- Ctenodonta portlocki* Chapman. P 7883
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 18.
 P 7884
- Ctenodonta portlocki* Chapman. P 22546
 Lower Devonian (Yeringian).
 Wilson's Station near Lilydale, Victoria.
 Paratype (steinkern P 7884; external mould P 22546).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 17 (P 7884).
- Ctenodonta portlocki* Chapman. P 7885
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 19.
- Ctenodonta portlocki* Chapman. P 7886
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 20.
- Ctenodonta (Praectenodonta) raricostae* (Chapman). P 17418
 Lower Devonian (Yeringian).
 Killara Tunnel, Killara, Victoria.
 Hypotype (external mould of both valves).
 Philip, G. M., 1962. *Proc. Roy. Soc. Vict.* 75: 123-244, Pl. 29, fig. 11, 17.
- Cypricardinia contexta* Barrande. P 2241-2
 Lower Devonian (Yeringian).
 Yering, Victoria.
 Hypotype (steinkern, left valve, P 2242; external mould, P 2241).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 84 (P 2242).
- Cypricardinia contexta* Barrande. P 7946
 Lower Devonian (Yeringian).
 Croydon, Victoria = Kilsyth.
 Hypotype (steinkern, right valve).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 82-83.

- Edmondia perobliqua* Chapman. P 7876
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 7.
- Edmondia perobliqua* Chapman. P 2239
 Upper Silurian (Melbournian).
 Domain Road sewer, South Yarra, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 9.
- Edmondia perobliqua* Chapman. P 7877
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 8.
- Glossites victoriae* Chapman. P 7944
 Lower Devonian (Yeringian).
 'Croydon, Victoria' = Kilsyth.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 79.
- Goniophora australis* Chapman. P 989
 Lower Devonian (Yeringian).
 North of Lilydale, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 80.
- Goniophora* cf. *glaucus* Hall. P 7945
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Figured specimen (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* Pl. 6, fig. 81.
- Grammysia abbreviata* Chapman. P 7871
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 2.
- Hercynella killarensis* Gill. P 14524
 Lower Devonian (Yeringian).
 Syme's Tunnel, Killara, Victoria.
 Holotype (steinkern).
 Gill, E. D., 1950. *Proc. Roy. Soc. Vict.* 59: 80-92, Pl. 7, fig. 3.
 Prantl, F., 1960. *Paläont. Zeit.* 34 (2): 150-153.
- Hercynella victoriae* Chapman. P 12858
 Lower Devonian.
 Junction of Woori Yallock Creek and Yarra River, Victoria. G.S.V. B 23.
 Holotype (steinkern).
 Chapman, F., 1916. *Proc. Roy. Soc. Vict.* 29: 75-103, Pl. 5, fig. 47.
 Gill, E. D., 1950. *Proc. Roy. Soc. Vict.* 59: 80-92, fig. 1a.

- Hercynella victoriae* Chapman. P 12857
 Lower Devonian.
 Junction of Woori Yallock Creek and Yarra River, Victoria. G.S.V. B 23.
 Paratype.
 Chapman, F., 1916. *Proc. Roy. Soc. Vict.* 29: 75-103, Pl. 5, fig. 48.
 Gill, E. D., 1950. *Proc. Roy. Soc. Vict.* 59: 80-92.
- Leiopteria* cf. *oweni* Hall. P 7939
 Lower Devonian (Yeringian).
 Kilsyth, Victoria.
 Figured specimen (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 5, fig. 74-74a.
- Leptodomus heathcotiensis* Chapman. P 987
 Upper Silurian or Lower Devonian.
 Ranges E. of Heathcote, Victoria, G.S.V. Bb 50.
 Holotype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 5.
- Leptodomus maccoyianus* Chapman. P 976
 Upper Silurian or Lower Devonian.
 Broadhurst's Creek, E. of Kilmore, Victoria, G.S.V. Bb 18.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 4.
- Lunulicardium antistriatum* Chapman. P 2257
 Upper Silurian or Lower Devonian.
 McMahon's Creek, Upper Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 62.
- Lunulicardium antistriatum* Chapman. P 2255
 Upper Silurian or Lower Devonian.
 Reefton, near Warburton, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 63-63a.
- '? *Lunulicardium antistriatum* Chapman.' P 2261
 Upper Silurian or Lower Devonian.
 Mouth of Starvation Creek, Upper Yarra, Victoria.
 Hypotypes ('young specimens').
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 64-65.
- Modiolopsis nasuta australis* Chapman. P 7943
 Upper Silurian (Melbournian).
 Domain Road, South Yarra, Victoria.
 Holotype (steinkern, pair of valves) of subspecies.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 78.
- Modiolopsis complanata* (Sowerby). P 7942
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Hypotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 5, fig. 77.

- Modiolopsis melbournensis* Chapman. P 7941
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 5, fig. 76-76a.
- Mytilarca acutirostris* Chapman. P 7930
 Lower Devonian (Yeringian).
 Junction of Woori Yallock Creek and Yarra River, Victoria, G.S.V. B 23.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 67.
- Nucula opima australis* Chapman. P 7909
 Upper Silurian (Melbournian).
 North of Yan Yean, Victoria, G.S.V. Bb 11.
 Holotype of subspecies.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 40.
- Nucula opima australis* Chapman. P 965
 Silurian (Melbournian).
 Fraser's, or No. 3 Creek, Springfield, Victoria, G.S.V. Bb 25.
 Paratype of subspecies.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 42.
- Nucula opima australis* Chapman. P 7910
 Upper Silurian (Melbournian).
 North of Yan Yean, Victoria, G.S.V. Bb 11.
 Paratype of subspecies.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 39.
- Nucula opima australis* Chapman. P 7911
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype of sub-species.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 41.
- Nucula opima australis* Chapman. P 7912
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype of subspecies.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 43.
- Nucula arcaeformis* Chapman. P 7901
 Upper Silurian (Melbournian).
 Domain Road sewer, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 36.
- Nucula lamellata* Hall. P 2243
 Upper Silurian (Melbournian).
 Schist Hill, Merri Creek, Victoria, G.S.V. Bb 6.
 Hypotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 46.
- Nucula lamellata* Hall. P 2252
 Upper Silurian or Lower Devonian.
 Broadhurst's Creek, E. of Kilmore, Victoria, G.S.V. Bb 18.
 Hypotype (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 45.

- Nucula cf. lirata* (Conrad). P 7914
 Upper Silurian (Melbournian).
 Yan Yean, Victoria, G.S.V. Bb 14.
 Figured specimen.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 44.
- Nucula melbournensis* Chapman. P 7895
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 31.
- Nucula melbournensis* Chapman. P 7896
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 29.
- Nucula ? melbournensis* Chapman. P 7898
 P 22571
 Upper Silurian (Melbournian).
 Domain Road, South Yarra, Victoria.
 Figured specimen (steinkern P 7898 and external mould P 22571 of two valves).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 33-33a.
- Nucula taylori* Chapman. P 7907
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 37.
- Nucula taylori* Chapman. P 7908
 'Silurian (Melbournian).'
 Broadhurst's Creek, E. of Kilmore, Victoria. G.S.V. Bb 18.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 38 (of wax impression).
- Nucula umbonata* Chapman. P 7899
 Upper Silurian (Melbournian).
 Police Paddock, Kilmore, Victoria, G.S.V. B2 22.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 34.
- Nucula umbonata* Chapman. P 7900
 Upper Silurian (Melbournian).
 South end of Reservoir, Yan Yean, Victoria, G.S.V. Bb 14.
 Paratype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 35 (showing cardinal line and ligament pit).
- Nuculites coarctatus* (Phillips). P 7890
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Hypotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 24.

- Nuculites coarctatus* (Phillips). P 7891
 'Silurian (Melbournian).'
 Hills W. of Mount Disappointment, Victoria, G.S.V. Bb 17.
 Hypotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 25.
- Nuculites jutsoni* Chapman. P 7893
 Upper Silurian.
 Wandong, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 28.
- Nuculites maccoyianus* Chapman. P 7887
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern, two valves).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 21.
- Nuculites maccoyianus* Chapman. P 7888
 Lower Devonian (Yeringian).
 Junction of Woori Yallock Creek and Yarra River, Victoria, G.S.V. B23.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 22.
- Nuculites maccoyianus* Chapman. P 7889
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 23.
- Nuculites subquadratus* Chapman. P 7892
 Upper Silurian (Melbournian).
 North of Yan Yean, Victoria, G.S.V. Bb 11.
 Holotype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 27-27a.
- Nuculites subquadratus* Chapman. P 977
 'Silurian (Melbournian).'
 West of Mount Disappointment, Victoria, G.S.V. Bb 17.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 2, fig. 26.
- Orthonota australis* Chapman. P 7869
 Upper Silurian (Melbournian).
 'Royal Park' = Moonee Ponds Creek, Flemington, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 1.
- Palaeonatina* cf. *solenoides* Hall. P 7875
 Upper Silurian (Melbournian).
 South Yarra, Victoria.
 Figured specimen.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 6.
- Palaeoneilo* cf. *brevis* Hall. P 968
 Upper Silurian (Melbournian).
 Merri Creek, sections 2 and 3, Kalkallo, Victoria. G.S.V. Bb 3.
 Figured specimen (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 55.

- Palaconeilo* ? *constricta* (Conrad). P 7923
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Figured specimen (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 54.
- Palaconeilo producta* Chapman. P 7921
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 53-53a.
- Palaconeilo raricostae* Chapman.
 see *Tancrediopsis raricostae* Chapman.
- Palaconeilo spectabilis* Chapman. P 7919
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern, pair of valves, only one illustrated).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 51.
- Palaconeilo spectabilis* Chapman. P 7920
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype (interior of left valve and cardinal area of right valve).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 52.
- Palaconeilo* cf. *temüstriata* Hall. P 967
 Upper Silurian (Melbournian).
 Merri Creek, sections 2 and 3, Kalkallo, Victoria, G.S.V. Bb 3.
 Figured specimen.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 56 (of wax impression).
- Palaconeilo victoriae* Chapman. P 7915
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern, left valve).
 Chapman, F., *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 47.
- Palaconeilo victoriae* Chapman. P 7916
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 48.
- Palaconeilo victoriae* Chapman. P 7917
 Upper Silurian (Melbournian).
 Domain Road sewer, South Yarra, Victoria.
 Paratype (steinkern, right valve).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 3, fig. 49.
- Paleodora reeftonensis* Fleming. P 16761-2
 Lower Devonian (Reefton mudstone).
 Rainy Creek, Reefton, New Zealand.
 Plastotypes (holotype P 16761; paratype P 16762).
 Fleming, C. A., 1956. *Trans. Roy. Soc. N.Z.* 84 (4): 943.
 Fleming, C. A., 1957. *Trans. Roy. Soc. N.Z.* 85 (1): 135-140, Pl. 14, fig. 1-2.

- Panenka cingulata* Chapman. P 2263
 Upper Silurian or Lower Devonian.
 McMahon's Creek, Upper Yarra, Victoria.
 Holotype (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 14 (of wax impression).
- Panenka gippslandica* McCoy. P 7486
 Upper Silurian.
 Mount Matlock, Victoria.
 Holotype (steinkern, both valves).
 McCoy, F., 1879. *Prod. Pal. Vict.* Dec. 6, p. 23, Pl. 56, fig. 1, 1a.
 'Cardium gippslandicum.'
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62.
- Panenka gippslandica* McCoy. P 7488
 Upper Silurian or Lower Devonian.
 Four miles above Starvation Creek, Gippsland, Victoria.
 Paratype. P 7487 is associated with this paratype but not figured.
 McCoy, F., 1897. *Prod. Pal. Vict.* Dec. 6, p. 23, Pl. 56, fig. 2, 2a.
 'Cardium gippslandicum.'
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62.
- Panenka planicosta* Chapman. P 7879
 Upper Silurian.
 Mount Matlock, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 13.
- Paracardium filosum* Chapman. P 7881
 Upper Silurian or Lower Devonian.
 Starvation Creek, Upper Yarra, Victoria.
 Holotype (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 15 (of wax impression).
- Paracyclas siluricus* Chapman. P 7947
 Upper Silurian or Lower Devonian.
 Ranges E. of Heathcote, Victoria, G.S.V. Bb 50.
 Holotype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 85, 85a.
- Paracyclas siluricus heathcotiensis* Chapman. P 988
 Upper Silurian or Lower Devonian.
 Ranges E. of Heathcote, Victoria, G.S.V. Bb 50.
 Holotype of subspecies (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 86-86a.
- Parallelodon aequalis* Chapman. P 7924
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 57.

- ? *Parallelodon kilmoriensis* Chapman. P 7925
 Upper Silurian.
 Police Paddock, Kilmore, Victoria, G.S.V. Bb 22.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 58.
- ? *Parallelodon kilmoriensis* Chapman. P 7926
 Upper Silurian (Melbournian).
 Swanston Street sewer, Melbourne, Victoria.
 Paratype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 59.
- Parallelodon spryi* Chapman. P 7950
 Upper Silurian.
 Wandong, Victoria.
 Holotype.
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 3.
- Praelucina ancilla* Barrande. P 7882
 Yeringian. Upper Silurian or Lower Devonian.
 Maindample, near Mansfield, Victoria.
 Hypotype (right valve).
 Chapman, F., *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 6, fig. 88-88a (of wax impression).
- Pterinea lineata* Goldfuss.
 see *Ambonychia tatei* Cresswell.
- Pterinea lineata* Goldfuss. P 7927
 Lower Devonian (Yeringian).
 'Croydon, Victoria' = Kilsyth.
 Hypotype (steinkern, left valve).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 60.
- ? *Pterinea tenuistriata* McCoy. P 7928
 Upper Silurian (Melbournian).
 Yarra Improvement Works, South Yarra, Victoria.
 Hypotype (external mould).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 4, fig. 61.
- Sphenotus warburtonensis* Chapman. P 2240
 Upper Silurian or Lower Devonian.
 Reefton, near Warburton, Victoria.
 Holotype (steinkern).
 Chapman, F., 1908. *Mem. Nat. Mus. Melb.* 2: 5-62, Pl. 1, fig. 10.
- Tancrediopsis raricostae* Chapman. P 7918
 Lower Devonian (Yeringian).
 Junction of Woori Yallock Creek and Yarra River, Victoria, G.S.V. B 23.
 Holotype (steinkern, left valve).
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